

Claims:

A listing of the claims has been included for reference. Claims 1-5 and 19-23 have been amended. Claims 6-18 and 24-29 have been cancelled. Claims 30-34 are new. No new matter has been added.

Listing of Claims:

1. (Currently Amended) A method, comprising:  
establishing a connection between a wireless electronic device and one or more supervisory devices associated with an ~~a local~~ area of wireless coverage;  
the wireless electronic device sending ~~device preference and capability~~ configuration information associated with the wireless electronic device to at least one of the one or more supervisory devices;  
at least one of the one or more supervisory devices sending ~~local area preference and restriction~~ information associated with the area of wireless coverage to the wireless electronic device; and  
at least one of the supervisory devices determining which functions are available for use on the wireless device in the ~~local~~ area of wireless coverage using the device ~~configuration preference and capability~~ information and the ~~local area preference and restriction~~ information associated with the area of wireless coverage, and based on the determination, sending permission information for the operation

of each function of the wireless electronic device within the area of wireless coverage.

2. (Currently Amended) The method of claim 1 wherein the area of wireless coverage environment protocol further includes one or more priority levels associated with the ~~local coverage~~ area of wireless coverage and ~~a priority level associated with~~ each function of the wireless device includes an associated priority level.

3. (Currently Amended) The method of claim 2, further comprising:  
comparing the one or more priority levels associated with the ~~local~~ area of wireless coverage ~~supervisory devices~~ to each wireless device function priority level;  
and  
setting permissions for the operation of each wireless device function based on the results of the comparison.

4. (Currently Amended) The method of claim 3 wherein setting permissions for the operation of each wireless device function further comprises:  
allowing the operation of functions that have a higher priority level than any ~~local area~~ ~~area~~ supervisory device priority level; and  
disallowing the operation of functions that have a lower priority level than a ~~local area~~ ~~area~~ supervisory device priority level.

5. (Currently Amended) The method of claim 4 wherein determining which functions are available on the wireless device further comprises configuring the wireless device to operate with the settings most preferred by the user that are still allowed by the one or more ~~local-area~~ supervisory devices.

6-18. (Cancelled)

19. (Previously Presented) A system, comprising:  
~~one or more supervisory devices associated with one or more local areas of wireless coverage;~~

a wireless electronic device, wherein the wireless electronic device comprises logic to:

establish a connection between the wireless electronic device and at least one ~~of the one or more~~ supervisory device devices associated with an area of wireless coverage;

send device configuration ~~preference and capability~~ information to ~~at least one of~~ the ~~one or more~~ supervisory device devices; and

~~receiving local area preference and restriction information from at least one of the one or more supervisory devices; and~~

~~determine which functions are available for use on the wireless device in the local area using the device preference and capability information and the local area preference and restriction information;~~

the supervisory device associated with the area of wireless coverage,  
comprising logic to:

send information associated with the area of wireless coverage to the  
wireless electronic device; and

determine which functions are available for use on the wireless device in the  
area of wireless coverage using the device configuration information and the  
information associated with the area of wireless coverage; and

based on the determination, send permission information to the wireless  
electronic device regarding the operation of each function of the wireless electronic  
device within the area of wireless coverage.

20. (Currently Amended) The system of claim 19 wherein the area of  
wireless coverage environment protocol further includes one or more priority levels  
 associated with the ~~local coverage~~ area of wireless coverage and ~~a priority level~~  
~~associated with~~ each function of the wireless device includes an associated priority  
level.

21. (Currently Amended) The system of claim 20, wherein the supervisory  
device is further operable to further comprising:

compare comparing the one or more priority levels associated with the area of  
wireless coverage the supervisory device to each wireless device function priority level;  
 and

~~set~~ **setting** permissions for the operation of each wireless device function based on the results of the comparison.

22. (Currently Amended) The system of claim 21, wherein the supervisory device is further operable to ~~setting permissions for the operation of each wireless device function further comprises:~~

~~allow~~ **allowing** the operation of functions that have a higher priority level than any priority level associated with the local area of wireless coverage ~~supervisory device priority level;~~ and

~~disallow~~ **disallowing** the operation of functions that have a lower priority level than a priority level associated with the local area of wireless coverage ~~supervisory device priority level.~~

23. (Currently Amended) The system of claim 22 wherein the supervisory device is further operable to:

configure the wireless device with permissions for each function that are ~~determining which functions are available on the wireless device further comprises~~ ~~configuring the wireless device to operate with the settings~~ most preferred by the user that are ~~still~~ allowed within the area of wireless coverage ~~by the one or more local area supervisory devices.~~

24-29. (Cancelled)

30. (New) A supervisory device associated with an area of wireless coverage, comprising logic to:

establish a connection with a wireless electronic device;

send information associated with the area of wireless coverage to the wireless electronic device;

receive device configuration information from the wireless electronic device regarding one or more functions associated with the wireless electronic device; and

determine which of the one or more functions are available for use on the wireless device in the area of wireless coverage; and

based on the determination, send permission information to the wireless electronic device regarding the operation of each function on the wireless electronic device within the area of wireless coverage.

31. (New) The device of claim 30 wherein the area of wireless coverage includes one or more priority levels associated with the area of wireless coverage and each function of the wireless device includes an associated priority level.

32. (New) The device of claim 31, wherein the supervisory device is further operable to:

compare the one or more priority levels associated with the area of wireless coverage to each wireless device function priority level; and

set permissions for the operation of each wireless device function based on the results of the comparison.

33. (New) The device of claim 32, wherein the supervisory device is further operable to:

allow the operation of functions that have a higher priority level than any priority level associated with the area of wireless coverage; and

disallow the operation of functions that have a lower priority level than a priority level associated with the area of wireless coverage.

34. (New) The system of claim 33 wherein the supervisory device is further operable to:

configure the wireless device with permissions for each function that are most preferred by the user that are allowed within the area of wireless coverage.